

### Abstract

A mobile communication apparatus includes a mobile IP/Fast Mobile IP processing part, an access router searching part for acquiring information on access router apparatuses, a Fast Mobile IP compliance determining part for determining whether the access router apparatuses comply with Fast Mobile IP, and a Fast Mobile IP control part for controlling the contents of a message produced by the mobile IP/Fast Mobile IP processing part. In this way, even if one of the access router apparatuses does not comply with Fast Mobile IP, the procedure of Fast Mobile IP can be implemented, thereby reducing packet loss.